

Mark Lewis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6429571/publications.pdf>

Version: 2024-02-01

129
papers

5,145
citations

81743

39
h-index

98622

67
g-index

133
all docs

133
docs citations

133
times ranked

5983
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Phosphate glasses for tissue engineering: Part 1. Processing and characterisation of a ternary-based P2O5-CaO-Na2O glass system. <i>Biomaterials</i> , 2004, 25, 491-499. | 5.7 | 334 |
| 2 | Tumour-derived TGF- β 1 modulates myofibroblast differentiation and promotes HGF/SF-dependent invasion of squamous carcinoma cells. <i>British Journal of Cancer</i> , 2004, 90, 822-832. | 2.9 | 228 |
| 3 | 3D printing for chemical, pharmaceutical and biological applications. <i>Nature Reviews Chemistry</i> , 2018, 2, 422-436. | 13.8 | 210 |
| 4 | Processing, characterisation and biocompatibility of iron-phosphate glass fibres for tissue engineering. <i>Biomaterials</i> , 2004, 25, 3223-3232. | 5.7 | 202 |
| 5 | Phosphate glasses for tissue engineering: Part 2. Processing and characterisation of a ternary-based P2O5-CaO-Na2O glass fibre system. <i>Biomaterials</i> , 2004, 25, 501-507. | 5.7 | 149 |
| 6 | α 6 β 1 integrin promotes invasion of squamous carcinoma cells through up-regulation of matrix metalloproteinase-9. <i>International Journal of Cancer</i> , 2001, 92, 641-650. | 2.3 | 140 |
| 7 | Matrix metalloproteinases and oral cancer. <i>Oral Oncology</i> , 1999, 35, 227-233. | 0.8 | 138 |
| 8 | Craniofacial muscle engineering using a 3-dimensional phosphate glass fibre construct. <i>Biomaterials</i> , 2005, 26, 1497-1505. | 5.7 | 128 |
| 9 | Effect of iron on the surface, degradation and ion release properties of phosphate-based glass fibres. <i>Acta Biomaterialia</i> , 2005, 1, 553-563. | 4.1 | 125 |
| 10 | Soluble phosphate glasses: in vitro studies using human cells of hard and soft tissue origin. <i>Biomaterials</i> , 2004, 25, 2283-2292. | 5.7 | 118 |
| 11 | Expression of the α 6 β 1 Integrin Promotes Migration and Invasion in Squamous Carcinoma Cells. <i>Journal of Investigative Dermatology</i> , 2001, 117, 67-73. | 0.3 | 114 |
| 12 | Human adult craniofacial muscle-derived cells: neural-cell adhesion-molecule (NCAM); Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 307 Td (CD5 Biochemistry, 2004, 40, 25. | 1.4 | 100 |
| 13 | Gelatinase-B (matrix metalloproteinase-9; MMP-9) secretion is involved in the migratory phase of human and murine muscle cell cultures. <i>Journal of Muscle Research and Cell Motility</i> , 2000, 21, 223-233. | 0.9 | 94 |
| 14 | Betelâ€derived alkaloid upâ€regulates keratinocyte alphavbeta6 integrin expression and promotes oral submucous fibrosis. <i>Journal of Pathology</i> , 2011, 223, 366-377. | 2.1 | 91 |
| 15 | α 6 β 1 Integrin Upregulates Matrix Metalloproteinase 9 and Promotes Migration of Normal Oral Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2001, 116, 898-904. | 0.3 | 87 |
| 16 | The IGF-I splice variant MGF increases progenitor cells in ALS, dystrophic, and normal muscle. <i>FEBS Letters</i> , 2007, 581, 2727-2732. | 1.3 | 86 |
| 17 | Cancer, pre-cancer and normal oral cells distinguished by dielectrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2455-2463. | 1.9 | 78 |
| 18 | Effect of diabetes and metabolic control on <i>de novo</i> bone formation following guided bone regeneration. <i>Clinical Oral Implants Research</i> , 2010, 21, 71-79. | 1.9 | 76 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Partial characterization of an immortalized human trophoblast cell-line, TCL-1, which possesses a CSF-1 autocrine loop. <i>Placenta</i> , 1996, 17, 137-146. | 0.7 | 75 |
| 20 | Characterization and optimization of a simple, repeatable system for the long term in vitro culture of aligned myotubes in 3D. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1044-1053. | 1.2 | 73 |
| 21 | alphav integrins play an important role in myofibroblast differentiation. <i>Wound Repair and Regeneration</i> , 2004, 12, 461-470. | 1.5 | 72 |
| 22 | Factors affecting the structure and maturation of human tissue engineered skeletal muscle. <i>Biomaterials</i> , 2013, 34, 5759-5765. | 5.7 | 69 |
| 23 | Early detection of oral cancer – Is dielectrophoresis the answer?. <i>Oral Oncology</i> , 2007, 43, 199-203. | 0.8 | 67 |
| 24 | Neuromuscular Junction Formation in Tissue-Engineered Skeletal Muscle Augments Contractile Function and Improves Cytoskeletal Organization. <i>Tissue Engineering - Part A</i> , 2015, 21, 2595-2604. | 1.6 | 63 |
| 25 | Modelling <i>in vivo</i> skeletal muscle ageing <i>in vitro</i> using three-dimensional bioengineered constructs. <i>Aging Cell</i> , 2012, 11, 986-995. | 3.0 | 62 |
| 26 | The acute angiogenic signalling response to low-load resistance exercise with blood flow restriction. <i>European Journal of Sport Science</i> , 2018, 18, 397-406. | 1.4 | 57 |
| 27 | Myogenic precursor cells in craniofacial muscles. <i>Oral Diseases</i> , 2007, 13, 134-140. | 1.5 | 56 |
| 28 | Synergy between myogenic and non-myogenic cells in a 3D tissue-engineered craniofacial skeletal muscle construct. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2008, 2, 408-417. | 1.3 | 56 |
| 29 | The effect of cell density on the maturation and contractile ability of muscle derived cells in a 3D tissue-engineered skeletal muscle model and determination of the cellular and mechanical stimuli required for the synthesis of a postural phenotype. <i>Journal of Cellular Physiology</i> , 2010, 225, 646-653. | 2.0 | 53 |
| 30 | Annexin-enriched osteoblast-derived vesicles act as an extracellular site of mineral nucleation within developing stem cell cultures. <i>Scientific Reports</i> , 2017, 7, 12639. | 1.6 | 53 |
| 31 | Role of vitronectin and fibronectin receptors in oral mucosal and dermal myofibroblast differentiation. <i>Biology of the Cell</i> , 2007, 99, 601-614. | 0.7 | 52 |
| 32 | Quantification of Anion and Cation Release from a Range of Ternary Phosphate-based Glasses with Fixed 45 mol% P2O5. <i>Journal of Biomaterials Applications</i> , 2005, 20, 65-80. | 1.2 | 51 |
| 33 | Impact of mechanical stretch on the cell behaviors of bone and surrounding tissues. <i>Journal of Tissue Engineering</i> , 2016, 7, 204173141561834. | 2.3 | 51 |
| 34 | Scalable 3D Printed Molds for Human Tissue Engineered Skeletal Muscle. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 20. | 2.0 | 48 |
| 35 | Androgens Affect Myogenesis In Vitro and Increase Local IGF-1 Expression. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 610-615. | 0.2 | 47 |
| 36 | Reduction of myoblast differentiation following multiple population doublings in mouse C2C12 cells: A model to investigate ageing?. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 3773-3785. | 1.2 | 46 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Biocompatible 3D printed polymers via fused deposition modelling direct C ₂ /C ₁₂ cellular phenotype in vitro. Lab on A Chip, 2017, 17, 2982-2993. | 3.1 | 46 |
| 38 | Mechanical loading stimulates hypertrophy in tissue-engineered skeletal muscle: Molecular and phenotypic responses. Journal of Cellular Physiology, 2019, 234, 23547-23558. | 2.0 | 45 |
| 39 | High Magnesium Corrosion Rate has an Effect on Osteoclast and Mesenchymal Stem Cell Role During Bone Remodelling. Scientific Reports, 2018, 8, 10003. | 1.6 | 45 |
| 40 | The role of insulin-like-growth factor binding protein 2 (IGFBP2) and phosphatase and tensin homologue (PTEN) in the regulation of myoblast differentiation and hypertrophy. Growth Hormone and IGF Research, 2013, 23, 53-61. | 0.5 | 42 |
| 41 | Pexicrine effects of basement membrane components on paracrine signaling by renal tubular cells. Kidney International, 1996, 49, 48-58. | 2.6 | 41 |
| 42 | Soluble phosphate glass fibres for repair of bone-ligament interface. Journal of Materials Science: Materials in Medicine, 2005, 16, 1131-1136. | 1.7 | 41 |
| 43 | The extracellular matrix of muscle - implications for manipulation of the craniofacial musculature. European Journal of Oral Sciences, 2001, 109, 209-221. | 0.7 | 40 |
| 44 | Testosterone enables growth and hypertrophy in fusion impaired myoblasts that display myotube atrophy: deciphering the role of androgen and IGF-I receptors. Biogerontology, 2016, 17, 619-639. | 2.0 | 40 |
| 45 | Photodynamic therapy down-regulates the invasion promoting factors in human oral cancer. Archives of Oral Biology, 2006, 51, 1104-1111. | 0.8 | 37 |
| 46 | Acute mechanical overload increases IGF-I and MMP-9 mRNA in 3D tissue-engineered skeletal muscle. Biotechnology Letters, 2014, 36, 1113-1124. | 1.1 | 37 |
| 47 | Creating Interactions between Tissue-Engineered Skeletal Muscle and the Peripheral Nervous System. Cells Tissues Organs, 2016, 202, 143-158. | 1.3 | 37 |
| 48 | A three-dimensional in vitro model system to study the adaptation of craniofacial skeletal muscle following mechanostimulation. European Journal of Oral Sciences, 2005, 113, 218-224. | 0.7 | 36 |
| 49 | Development of a novel smart scaffold for human skeletal muscle regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, 162-171. | 1.3 | 35 |
| 50 | α 23 and α 25 integrins and their role in muscle precursor cell adhesion. Biology of the Cell, 2008, 100, 465-477. | 0.7 | 33 |
| 51 | Impaired hypertrophy in myoblasts is improved with testosterone administration. Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 152-161. | 1.2 | 33 |
| 52 | Identifying the Cellular Mechanisms Leading to Heterotopic Ossification. Calcified Tissue International, 2015, 97, 432-444. | 1.5 | 33 |
| 53 | Muscling in on stem cells. Biology of the Cell, 2006, 98, 203-214. | 0.7 | 32 |
| 54 | Feasibility and Biocompatibility of 3D-Printed Photopolymerized and Laser Sintered Polymers for Neuronal, Myogenic, and Hepatic Cell Types. Macromolecular Bioscience, 2018, 18, e1800113. | 2.1 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Identification of matrix metalloproteinases and their tissue inhibitors type 1 and 2 in human masseter muscle. <i>Archives of Oral Biology</i> , 2000, 45, 431-440. | 0.8 | 31 |
| 56 | Epithelial cancer cells exhibit different electrical properties when cultured in 2D and 3D environments. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 5136-5141. | 1.1 | 30 |
| 57 | Value of laparotomy in the diagnosis of obscure gastrointestinal haemorrhage.. <i>Gut</i> , 1995, 37, 187-190. | 6.1 | 28 |
| 58 | A dielectrophoretic method of discrimination between normal oral epithelium, and oral and oropharyngeal cancer in a clinical setting. <i>Analyst, The</i> , 2015, 140, 5198-5204. | 1.7 | 28 |
| 59 | Resolvin E1 (R _v E ₁) attenuates LPS induced inflammation and subsequent atrophy in C2C12 myotubes. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6094-6103. | 1.2 | 27 |
| 60 | The effect of experimental diabetes and glycaemic control on guided bone regeneration: histology and gene expression analyses. <i>Clinical Oral Implants Research</i> , 2018, 29, 139-154. | 1.9 | 27 |
| 61 | Northcroft Memorial Lecture 2005. <i>Journal of Orthodontics</i> , 2006, 33, 187-197. | 0.4 | 25 |
| 62 | Hypoxia Impairs Muscle Function and Reduces Myotube Size in Tissue Engineered Skeletal Muscle. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2599-2605. | 1.2 | 25 |
| 63 | Controlled Arrangement of Neuronal Cells on Surfaces Functionalized with Micropatterned Polymer Brushes. <i>ACS Omega</i> , 2018, 3, 12383-12391. | 1.6 | 24 |
| 64 | Bioengineered human skeletal muscle capable of functional regeneration. <i>BMC Biology</i> , 2020, 18, 145. | 1.7 | 24 |
| 65 | Defining the Balance between Regeneration and Pathological Ossification in Skeletal Muscle Following Traumatic Injury. <i>Frontiers in Physiology</i> , 2017, 8, 194. | 1.3 | 23 |
| 66 | Polydimethylsiloxane and poly(ether) ether ketone functionally graded composites for biomedical applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 93, 130-142. | 1.5 | 23 |
| 67 | 3D-printable zwitterionic nano-composite hydrogel system for biomedical applications. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142096729. | 2.3 | 23 |
| 68 | Differential Response of Activated versus Non-Activated Renal Fibroblasts to Tubular Epithelial Cells: A Model of Initiation and Progression of Fibrosis?. <i>Nephron Experimental Nephrology</i> , 1998, 6, 132-143. | 2.4 | 21 |
| 69 | Leucine elicits myotube hypertrophy and enhances maximal contractile force in tissue engineered skeletal muscle in vitro. <i>Journal of Cellular Physiology</i> , 2017, 232, 2788-2797. | 2.0 | 21 |
| 70 | Human airway smooth muscle maintain in situ cell orientation and phenotype when cultured on aligned electrospun scaffolds. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L38-L47. | 1.3 | 20 |
| 71 | Single leg squat ratings by clinicians are reliable and predict excessive hip internal rotation moment. <i>Gait and Posture</i> , 2018, 61, 453-458. | 0.6 | 20 |
| 72 | Evidence for decidua-trophoblast interactions in early human pregnancy. <i>Human Reproduction</i> , 1993, 8, 965-968. | 0.4 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Ironâ€phosphate glass fiber scaffolds for the hardâ€soft interface regeneration: The effect of fiber diameter and flow culture condition on cell survival and differentiation. Journal of Biomedical Materials Research - Part A, 2008, 87A, 1017-1026. | 2.1 | 18 |
| 74 | Human endometrial fibroblasts immortalized by simian virus 40 large T antigen differentiate in response to a decidualization stimulus. , 0, . | | 18 |
| 75 | The effect of mechanical strain on protease production by keratinocytes. British Journal of Dermatology, 2007, 158, 396-398. | 1.4 | 17 |
| 76 | Downhill running and exercise in hot environments increase leukocyte Hsp72 (HSPA1A) and Hsp90Î± (HSPC1) gene transcripts. Journal of Applied Physiology, 2015, 118, 996-1005. | 1.2 | 17 |
| 77 | PDGF is a potent initiator of bone formation in a tissue engineered model of pathological ossification. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e355-e367. | 1.3 | 17 |
| 78 | Sequential identification of a degradable phosphate glass scaffold for skeletal muscle regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2014, 8, 801-810. | 1.3 | 16 |
| 79 | Regulation by interleukin-1Î² of growth and collagenase production by choriocarcinoma cells. Placenta, 1994, 15, 13-20. | 0.7 | 15 |
| 80 | Brachial artery characteristics and microâ€vascular filtration capacity in rock climbers. European Journal of Sport Science, 2015, 15, 296-304. | 1.4 | 15 |
| 81 | Adapting the Electrospinning Process to Provide Three Unique Environments for a Tri-layered &em>In Vitro Model of the Airway Wall. Journal of Visualized Experiments, 2015, , e52986. | 0.2 | 14 |
| 82 | An Assessment of Myotube Morphology, Matrix Deformation, and Myogenic mRNA Expression in Custom-Built and Commercially Available Engineered Muscle Chamber Configurations. Frontiers in Physiology, 2018, 9, 483. | 1.3 | 14 |
| 83 | Delayed Presentation of Intestinal Atresia and Intussusception - A Case Report and Literature Review. European Journal of Pediatric Surgery, 1993, 3, 296-298. | 0.7 | 13 |
| 84 | Stretching skeletal muscle in vitro: does it replicate in vivo physiology?. Biotechnology Letters, 2011, 33, 1513-1521. | 1.1 | 13 |
| 85 | Human-derived feeder fibroblasts for the culture of epithelial cells for clinical use. Regenerative Medicine, 2016, 11, 529-543. | 0.8 | 13 |
| 86 | The effect of chronic high insulin exposure upon metabolic and myogenic markers in C2C12 skeletal muscle cells and myotubes. Journal of Cellular Biochemistry, 2018, 119, 5686-5695. | 1.2 | 13 |
| 87 | Characterising hyperinsulinemia-induced insulin resistance in human skeletal muscle cells. Journal of Molecular Endocrinology, 2020, 64, 125-132. | 1.1 | 13 |
| 88 | Electrospun gelatin-based scaffolds as a novel 3D platform to study the function of contractile smooth muscle cells <i>in vitro</i>. Biomedical Physics and Engineering Express, 2018, 4, 045039. | 0.6 | 12 |
| 89 | Functional regeneration of tissue engineered skeletal muscle <i>in vitro</i> is dependent on the inclusion of basement membrane proteins. Cytoskeleton, 2019, 76, 371-382. | 1.0 | 12 |
| 90 | Differentiation of Bioengineered Skeletal Muscle within a 3D Printed Perfusion Bioreactor Reduces Atrophic and Inflammatory Gene Expression. ACS Biomaterials Science and Engineering, 2019, 5, 5525-5538. | 2.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Bioengineered model of the human motor unit with physiologically functional neuromuscular junctions. <i>Scientific Reports</i> , 2021, 11, 11695. | 1.6 | 12 |
| 92 | “From Death, Lead Me to Immortality” –“ Mantra of Ageing Skeletal Muscle. <i>Current Genomics</i> , 2013, 14, 256-267. | 0.7 | 12 |
| 93 | Sport and exercise medicine consultants are reliable in assessing tendon neovascularity using ultrasound Doppler. <i>BMJ Open Sport and Exercise Medicine</i> , 2018, 4, e000298. | 1.4 | 11 |
| 94 | Development of tissue-engineered skeletal muscle manufacturing variables. <i>Biotechnology and Bioengineering</i> , 2019, 116, 2364-2376. | 1.7 | 11 |
| 95 | Mechanical loading of tissue engineered skeletal muscle prevents dexamethasone induced myotube atrophy. <i>Journal of Muscle Research and Cell Motility</i> , 2021, 42, 149-159. | 0.9 | 11 |
| 96 | Effect of capillary shear stress on recovery and osteogenic differentiation of muscle-derived precursor cell populations. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 629-635. | 1.3 | 10 |
| 97 | Kinematic and kinetic differences between military patients with patellar tendinopathy and asymptomatic controls during single leg squats. <i>Clinical Biomechanics</i> , 2019, 62, 127-135. | 0.5 | 10 |
| 98 | Myosin proteins identified from masseter muscle using quantitative reverse transcriptase-polymerase chain reaction—a pilot study of the relevance to orthodontics. <i>European Journal of Orthodontics</i> , 2009, 31, 196-201. | 1.1 | 9 |
| 99 | Molecular Diagnosis in Orthodontics, Facial Orthopedics, and Orthognathic Surgery: Implications for Treatment Progress and Relapse. <i>Seminars in Orthodontics</i> , 2010, 16, 118-127. | 0.8 | 9 |
| 100 | The Hsp72 and Hsp90 α mRNA Responses to Hot Downhill Running Are Reduced Following a Prior Bout of Hot Downhill Running, and Occur Concurrently within Leukocytes and the Vastus Lateralis. <i>Frontiers in Physiology</i> , 2017, 8, 473. | 1.3 | 9 |
| 101 | Hyaluronan derived nanoparticle for simvastatin delivery: evaluation of simvastatin induced myotoxicity in tissue engineered skeletal muscle. <i>Biomaterials Science</i> , 2020, 8, 302-312. | 2.6 | 9 |
| 102 | Indices of extracellular matrix turnover in human masseter muscles as markers of craniofacial form—a preliminary study. <i>European Journal of Orthodontics</i> , 2008, 30, 217-225. | 1.1 | 8 |
| 103 | Force generation and protease gene expression in organotypic co-cultures of fibroblasts and keratinocytes. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 647-650. | 1.3 | 7 |
| 104 | Digitally Driven Aerosol Jet Printing to Enable Customisable Neuronal Guidance. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 722294. | 1.8 | 7 |
| 105 | Expression of an embryonic fibronectin splicing variant in human masseter muscle. <i>Archives of Oral Biology</i> , 1998, 43, 911-915. | 0.8 | 5 |
| 106 | The Role of Connective Tissue and Extracellular Matrix Signaling in Controlling Muscle Development, Function, and Response to Mechanical Forces. <i>Seminars in Orthodontics</i> , 2010, 16, 135-142. | 0.8 | 5 |
| 107 | Effect of acute normobaric hypoxia on the ventilatory threshold. <i>European Journal of Applied Physiology</i> , 2014, 114, 1555-1562. | 1.2 | 5 |
| 108 | Oral Mucosa Tissue Equivalents for the Treatment of Limbal Stem Cell Deficiency. <i>Advanced Biology</i> , 2020, 4, 1900265. | 3.0 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Gradient biomimetic platforms for neurogenesis studies. <i>Journal of Neural Engineering</i> , 2022, 19, 011001. | 1.8 | 5 |
| 110 | Grouping patients for masseter muscle genotype-phenotype studies. <i>Angle Orthodontist</i> , 2012, 82, 261-266. | 1.1 | 4 |
| 111 | <i>Skeletal Muscle Tissue Engineering</i> , 2015, , 567-592. | | 4 |
| 112 | Neural and Aneural Regions Generated by the Use of Chemical Surface Coatings. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 98-106. | 2.6 | 4 |
| 113 | Development of a 3D Tissue-Engineered Skeletal Muscle and Bone Co-culture System. <i>Biotechnology Journal</i> , 2020, 15, 1900106. | 1.8 | 4 |
| 114 | Physiological and pathophysiological concentrations of fatty acids induce lipid droplet accumulation and impair functional performance of tissue engineered skeletal muscle. <i>Journal of Cellular Physiology</i> , 2021, 236, 7033-7044. | 2.0 | 4 |
| 115 | High-Volume Image-Guided Injections in Achilles and Patellar Tendinopathy in a Young Active Military Population: A Double-Blind Randomized Controlled Trial. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210883. | 0.8 | 4 |
| 116 | The Future? Craniofacial Skeletal Muscle Engineering as an Aid for the Management of Craniofacial Deformities. <i>Seminars in Orthodontics</i> , 2010, 16, 153-162. | 0.8 | 3 |
| 117 | Muscle-derived precursor cells isolated on the basis of differential adhesion properties respond differently to capillary flow. <i>Biotechnology Letters</i> , 2011, 33, 1481-1486. | 1.1 | 3 |
| 118 | Molecular changes in detrained & retrained adult jaw muscle. <i>European Journal of Orthodontics</i> , 2013, 35, 659-663. | 1.1 | 3 |
| 119 | Observation of Age-Related Decline in the Performance of the Transverse Abdominis Muscle. <i>PM and R</i> , 2016, 8, 45-50. | 0.9 | 3 |
| 120 | Host muscle cell infiltration in cell-seeded plastic compressed collagen constructs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 72-75. | 1.3 | 2 |
| 121 | The application of maximal heart rate predictive equations in hypoxic conditions. <i>European Journal of Applied Physiology</i> , 2015, 115, 277-284. | 1.2 | 2 |
| 122 | <i>Muscle Tissue Engineering</i> , 2009, , 243-253. | | 2 |
| 123 | Comment: Response to an article by Hamilton et al. on 'Effects of colony stimulating factor-1 on human extravillous trophoblast growth and invasion'. <i>Journal of Endocrinology</i> , 1999, 160, 319-320. | 1.2 | 1 |
| 124 | Regeneration of Jaw Muscle-Potential Cellular Mechanisms. <i>Seminars in Orthodontics</i> , 2010, 16, 147-152. | 0.8 | 1 |
| 125 | <i>Masticatory Muscle Structure and Function</i> , 2012, , 91-109. | | 1 |
| 126 | <i>Tissue Engineered Animal Spraying Models for the Study of Joint and Muscle Diseases</i> , 2013, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Impact of type-1 collagen hydrogel density on integrin-linked morphogenic response of SH-SY5Y neuronal cells. RSC Advances, 2021, 11, 33124-33135. | 1.7 | 1 |
| 128 | Human Oral Mucosal Fibroblasts from Limbal Stem Cell Deficient Patients as an Autologous Feeder Layer for Epithelial Cell Culture. Current Eye Research, 2022, , 1-10. | 0.7 | 1 |
| 129 | British Society for Matrix Biology Autumn Meeting – Joint with the UK Tissue & Cell Engineering Society, University of Bristol, UK. International Journal of Experimental Pathology, 2005, 86, A1-A56. | 0.6 | 0 |